

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000239**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 21-Aug-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 2

Item	Title	Detail
1	Major component movement	<p>Continue welding PQR HP2007149-1, welding is in progress.</p> <p>QA observed cutting of samples from rolled shapes for ABF/ZPMC internal testing. The material had been received without the require Charpy impact tests.</p>
2	Meetings attended	<p>QA met with ABF at 1500 to discuss the schedule for tomorrow.</p> <p>ZPMC informed ABF and QA that there are currently two WPS and PQR addendum sent to ABF that have not been transmitted to Caltrans. ABF Fabrication Manager Dave Williams explained that these documents need to be reviewed by ABF prior to submitting to Caltrans.</p> <p>ZPMC asked if they needed to change and re-submit the approved-as-noted items in the WQCP. QA responded that it would be good practice to make the corrections in the final 7 copies that require submittal, but that it would be better to discuss separately from the 1500 meeting. The approved-as-noted documents are satisfactory for use.</p> <p>Mr. Williams asked ZPMC to preheat the tower skin plates prior to ABF and Caltrans coming in tomorrow. ZPMC stated that this would be acceptable. ZPMC stated that once they preheat, they cannot stop welding.</p> <p>Mr. Williams stated that ABF would like to see ZPMC successfully weld for a couple of days prior to beginning 24 hour shifts.</p> <p>ZPMC is tentatively planning to work from 7am to 5pm tomorrow (ZPMC to arrange a boat and transportation at 6pm) since they believe they can complete the entire joint they intend to weld tomorrow in one 10 hour shift. If this is successful, ZPMC would like to begin the 24 hour work schedule.</p>
3	Key conversations	<p>ABF Fabrication Manager Dave Williams spoke with QA regarding check sampling. Mr. Williams stated that ZPMC would like to begin sampling on Thursday, August 23rd. QA stated that they should give QA sufficient notice to allow for staffing requirements, and discuss requirements and delivery schedule. ABF and Caltrans scheduled to meet on Thursday to determine the extent and schedule of sampling, and to begin sampling on</p>

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August 28th at the earliest.

4	Quality Assurance Inspectors per shift	3 AM (Acuna, Brannon, Franco) 0 PM
5	Logistics	ZPMC elected not to weld the 77m Tower Mock-up Skin Plate welds today. ZPMC technology department decided that they wanted the root pass performed at the parameters submitted and approved yesterday, but they wanted the fill passes performed at higher parameters. ABF/ZPMC submitted two additional WPS's (1 FCAW and 1 SAW). QA reviewed and approved the WPS's. However, by the time these were reviewed and ZPMC began preheating, it was too late in the day to perform any welding.

Inspected By: McClary, David

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer
